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(703) 816-4000**FACSIMILE COVER SHEET****PLEASE DELIVER IMMEDIATELY!!!!**Our Ref.: 36-1298Your Ref.: ISSN 09/194317 Date: 6-25-03To: Haminess AnyaFirm: USPTOFacsimile No.: 703-746-7431From: Larry NelsonNumber of Pages (including cover sheet): 9(IF YOU DO NOT RECEIVE ALL OF THE PAGES OR ENCOUNTER DIFFICULTIES IN TRANSMISSION,  
PLEASE CONTACT US IMMEDIATELY AT (703-816-4000).)Violit  
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ATTACHMENT/S:

MESSAGE:**CONFIDENTIALITY NOTE**

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PTO/SB/121 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# CORRESPONDENCE ADDRESS INDICATION FORM

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JUN 25 2003  
Technology Center 2100

Direct all correspondence to:



Customer Number:

23117

Place Customer  
Number Bar  
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Request for Customer Number (PTO/SB/125) submitted herewith.

in the following listed application(s) or patent(s):

Patent Number (if appropriate)	Application Number	Patent Date (if appropriate)	U.S. Filing Date
	09/194,317		November 24, 1998

(check one)

Typed or  
Printed Name

for Larry S. Nixon

Signature

Date

December 19, 2002

Address of signer:

1100 North Glebe Road, 8<sup>th</sup> Floor  
Arlington, VA 22202



Applicant or Patentee



Assignee of record of the entire  
interest. Statement under 37 C.F.R. §  
3.73(b) is enclosed. (Form  
PTO/SB/96)



Attorney or Agent of record

25,640

(Reg. No.)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of

1

forms are submitted.

Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND TO: Assistant Commissioner of Patents, Box CN, Washington, DC 20231.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 36-1298

POWERS et al

Group Art Unit: 2151

Serial No. 09/194,317

Examiner: C. Anya

Filed: November 24, 1998

Date: December 19, 2002

Title: DISTRIBUTED VIRTUAL ENVIRONMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

☒ **Correspondence Address Indication Form Attached.****Fees are attached as calculated below:**

Total effective claims after amendment 0 minus highest number  
previously paid for 20 (at least 20) = 0 x \$ 18.00 \$ 0.00

Independent claims after amendment 0 minus highest number  
previously paid for 3 (at least 3) = 0 x \$ 84.00 \$ 0.00

If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper) \$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this  
paper and attachment(s) (\$110.00/1 month; \$400.00/2 months; \$920.00/3 months) \$ 0.00

Terminal disclaimer enclosed, add \$ 110.00 \$ 0.00

☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$740.00) \$ 0.00

☐ Please enter the previously unentered, filed☐ Submission attached**Subtotal \$ 0.00**

If "small entity," then enter half (1/2) of subtotal and subtract -\$ 0.00

☐ Applicant claims "small entity" status. ☐ Statement filed herewith

Rule 56 Information Disclosure Statement Filing Fee (\$180.00) \$ 0.00

Assignment Recording Fee (\$40.00) \$ 0.00

Other: 0.00

**TOTAL FEE ENCLOSED \$ 0.00**

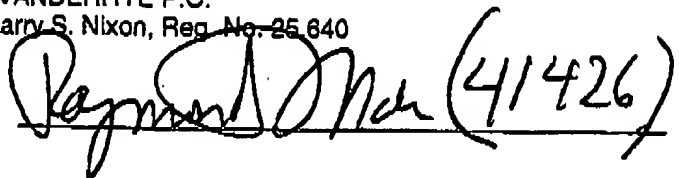
The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

1100 North Glebe Road, 8<sup>th</sup> Floor  
Arlington, Virginia 22201-4714  
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LSN:vc

NIXON &amp; VANDERHYE P.C.

By Atty: Larry S. Nixon, Reg. No. 25 640

by Signature:



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

POWERS et al

Serial No. 09/194,317

Filed: November 24, 1998

For: DISTRIBUTED VIRTUAL ENVIRONMENT

Atty. Ref.: 36-125

Group: 2151

Examiner: C. Anya

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Technology Center 2100

\* \* \* \* \*

December 19, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**RESPONSE TO NOTICE OF  
NON-COMPLIANT AMENDMENT**

The Notice of Non-Compliant Amendment (37 CFR 1.121) mailed 11/26/2002 alleges that the amendment filed September 10, 2002 does not include either a clean version or a marked-up version of replacement paragraph(s)/section(s). A copy of the Notice is attached.

Accordingly, the requested amendments are hereinbelow set forth in both clean and marked-up version:

Page 1, after the title insert:

**--BACKGROUND OF THE INVENTION**1. Field of the Invention--; and

between numbered lines 3 and 4, insert:

--2. Related Art--.

POWERS et al  
Serial No. 09/194,317

Page 4, between lines 14 and 15, insert:

**--BRIEF SUMMARY OF THE INVENTION--**

Page 6, between lines 28 and 29, insert:

**--BRIEF DESCRIPTION OF THE DRAWINGS--**

The paragraph beginning at page 7, line 4:

Figures 7A and 7B illustrate two examples of the subdivision of the virtual environment into zones;

The paragraph beginning at page 7, line 11:

Figure 12 illustrates collision between two dynamic representative objects at a zone boundary;

Page 7, line 13, after "invention", insert:

--; and

Figures 4a-4d illustrate an example of the zone manager to client approach.

**DETAILED DESCRIPTION OF EXEMPLARY EMBODIMENTS--**

The paragraph beginning at page 27, line 10:

An example of this approach to forming client connection is illustrated in Figures 14a-14d.

Page 31, line 1, delete "CLAIMS" and insert:

**--WHAT IS CLAIMED IS:--**

POWERS et al

Serial No. 09/194,317

**Marked-Up Version**

The paragraph beginning at page 7, line 4:

Figures 7[a]A and 7[b]B illustrate two examples of the subdivision of the virtual environment into zones;

The paragraph beginning at page 7, line 11:

Figure 12 illustrates collision between two dynamic representative objects at a zone boundary; [and]


The paragraph beginning at page 27, line 10:

An example of this approach to forming client connection is illustrated in Figures 14a-14d.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

 (41,426)

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LSU  
36-1298



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/194,317	11/24/1998	SIMON J. POWERS	36-1298	3060

7390

11/26/2002

NIXON & VANDERHYE  
1100 NORTH GLEBE ROAD  
8TH FLOOR  
ARLINGTON, VA 22201

EXAMINER

ANYA, CHARLES E

ART UNIT

PAPER NUMBER

2126

DATE MAILED: 11/26/2002

9

Please find below and/or attached an Office communication concerning this application or proceeding.

DATES DOCKETED  
1mo (F)  
DUE Dec 26 2002  
C/U Dec 13 2002  
pay M/S



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D. C. 20531  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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EXAMINER
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ART UNIT	PAPER NUMBER
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DATE MAILED:

## Notice of Non-Compliant Amendment (37 CFR 1.121)

The amendment filed on 9-10-02 is considered non-compliant because it has not been submitted in the format required under 37 CFR 1.121, as amended on September 8, 2000 (see 65 Fed. Reg. 54603, Sept. 8, 2000, and 1238 O.G. 77, Sept. 19, 2000).

- ☒ 1. The amendment does not include a clean version of the replacement paragraph(s)/section(s). 37 CFR 1.121(b)(1)(ii).
- ☒ 2. The amendment does not include a marked-up version of the replacement paragraph(s)/section(s). 37 CFR 1.121(b)(1)(iii).
- ☐ 3. The amendment does not include a clean version of the amended claim(s). 37 CFR 1.121(c)(1)(i).
- ☐ 4. The amendment does not include a marked-up version of the amended claim(s). 37 CFR 1.121(c)(1)(ii).
- ☐ 5. Other \_\_\_\_\_

☐ **PRELIMINARY AMENDMENT:** Unless applicant re-submits the preliminary amendment in compliance with revised 37 CFR 1.121 within ONE MONTH of the mail date of this letter, examination on the merits may commence without entry of the originally proposed preliminary amendment. This notice is not an action under 35 U.S.C. 132, and this ONE MONTH time limit is not extendable.

☐ **AMENDMENT AFTER NON-FINAL ACTION:** Since the above mentioned reply appears to be *bona fide*, applicant is given a TIME PERIOD of ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

For your convenience, attached to this correspondence is a copy of an informational flyer (MPEP Bookmark Bulletin on "Simplified Amendment Practice").

RWB  
Legal Instruments Examiner



Serial No.:  
Applicant:  
Title:

09/194,317  
POWERS  
ET AL

Atty: UNDate: 12-19-02Client: 36Ref: 1298

\_\_\_\_\_ Amendment  
\_\_\_\_\_ Pages Specification  
\_\_\_\_\_ Claims  
\_\_\_\_\_ Sheets Drawings: Formal \_\_\_\_\_  
Informal \_\_\_\_\_  
\_\_\_\_\_ Declaration (\_\_\_\_\_ Pages)  
\_\_\_\_\_ Assignment  
\_\_\_\_\_ Priority Document  
\_\_\_\_\_ Base Issue Fee Transmittal  
\_\_\_\_\_ Fee (Check)

Other:

*response; Carres.*  
*Indication Form*

